

SHEET 1 OF 2

Substitute Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEDOCKET
DOL126S.N.
10/783,951

INFORMATION DISCLOSURE STATEMENT

APPLICANT
Mark Stuart Vinton, et al.FILING DATE
February 19, 2004GROUP
2817

U.S. PATENT DOCUMENTS

| *Exam. Initial | Cite No. | DOCUMENT NUMBER Number - Kind Code | PUBLICATION DATE | NAME OF PATENTEE OR APPLICANT | FILING DATE |
|-------------------|-------------|---------------------------------------|---------------------|-------------------------------|-------------|
| /JS/ | | US-5,394,473 | 2-28-1995 | Davidson, et al. | 12-11-91 |
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FOREIGN PATENT DOCUMENTS

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NON-PATENT LITERATURE DOCUMENTS

| *Exam. Initial | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | TRANSLATION YES NO |
|-------------------|-------------|---|-----------------------|
| /JS/ | | ATSC Standard: "Digital Audio Compression (AC-3), Rev. A", Doc A/52A, ATSC Standard, Online! Aug. 20, 2001, pp. 1-140, Washington, D.C. retrieved from the Internet: URL: http://www.atsc.org/standards/a_52a.pdf . | |
| /JS/ | | Fielder, L., "AC-2 and AC-3: Low-complexity Transform-based Audio Coding", Collected papers on Digital Audio Bit-Rate Reduction, 1996, New York, US. | |
| /JS/ | | Brandenburg, J., "Second generation Perceptual Audio Coding: the Hybrid Coder", preprint at the 88th AES Convention, 3-13-9, Montreaux. | |
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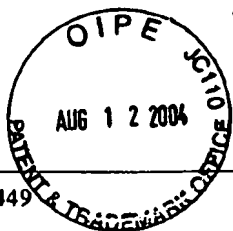
EXAMINER

/Joel Stoffregen/

DATE CONSIDERED

07/19/2007

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

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| /JS/ | | Bocchieri, et al., "Correlation Modeling of MLLR Transform Biases for Rapid HMM Adaptation to New Speakers" |
| | | Proc. of IEEE International Conference on Acoustics, Speech, and Signal Processing, pp. 2343-2346, 1996. |
| /JS/ | | Brandenburg, et al., "Comparison of Filterbanks for High Quality Audio Coding," IEEE Int. Sym. Circuits and Systems, May 1992, pp. 1336-1339. |
| /JS/ | | Bunton, J., "Multi-resolution FX Correlator," ALMA Memo 447, CSIRO Telecommunications and Industrial Physics, Feb. 2003, pages 1-10. |
| /JS/ | | Drygajlo, "New Fast Wavelet Packet Transform Algorithms for Frame Synchronized Speech Processing," Proc. of the 4th International Conference on Spoken Language Processing, Philadelphia, USA, pp. 410-413, October 3-6, 1996 << http://www.asel.udel.edu/icslp/cdrom/vol1/417/a417.pdf >>. |
| /JS/ | | Goyal, et al., "Optimal Multiple Description Transform Coding of Gaussian Vectors," Proc. IEEE Data Compression Conference 1998, pp. 388-397. |
| /JS/ | | Greenberg, et al., "The Modulation Spectrogram: In Pursuit of an Invariant Representation of Speech," presented at ICASSP-97, Munich, vol. 3 pp. 1647-1650. |
| /JS/ | | Kryze, et al., T. Appelbaum and J.C. Junqua et al. "A New Noise-Robust Subband Front-End and Its Comparison to PLP," Proc. IEEE ASRU Workshop, Keystone, Colorado, CD-ROM (1999) << http://asru99.research.att.com/abstracts/1_6109.pdf >>. |
| /JS/ | | Malvar, "Fast Progressive Image Coding without Wavelets," IEEE Data Compression Conference, Snowbird, Utah, March 2000, p. 243-252. |
| /JS/ | | Nagai, et al., "Generalized Unequal Length Lapped Orthogonal Transform for Subband Image Coding," IEEE Transactions on Signal Processing, Vol. 48, No. 12, December 2000. |

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| EXAMINER /Joel Stoffregen/ | DATE CONSIDERED 07/19/2007 |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) | | |
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| /JS/ | | Noll, "Digital Audio for Multimedia," Proc. Sig. Proc. for Multimedia, NATO Advanced Audio Institute, 1999 << http://www.nue.tu-berlin.de/Publikationen/papers/nato.pdf >>. |
| /JS/ | | Painter, et al., "Perceptual Coding of Digital Audio," "Proc. of the IEEE, April 2000," pp. 451--513. |
| /JS/ | | Painter, et al., "A Review of Algorithms for Perceptual Coding of Digital Audio Signals," Proceedings of International Conference on Digital Signal Processing (DSP), pp. 179-205, July 1997. |
| /JS/ | | Prandoni, P., et al., "An FIR Cascade Structure for Adaptive Linear Prediction," IEEE Transactions on Signal Processing, Vol. 46, No. 9, Sept. 1998, pp. 2566-2571. |
| /JS/ | | Princen et al., "Audio Coding With Signal Adaptive Filterbanks," Int. Conf. on Acoust., Speech and Sig. Proc., 1995 |
| /JS/ | | Thompson, et al., "A Non-Uniform Modulation Transform for Audio Coding With Increased Time Resolution" |
| /JS/ | | Vargas, et al., "ELT-Based Wavelet Coding of High-Fidelity Audio Signals," IEEE Int. Sym. Circuits and Systems, Chicago, 1993 |
| /JS/ | | Vinton, et al., "Scalable and progressive audio codec," 2001 IEEE International Conference on Acoustics, Speech, and Signal Processing, ICASSP, p.3277-80 vol.5. |
| EXAMINER /Joel Stoffregen/ <div style="float: right; text-align: right;">DATE CONSIDERED 07/19/2007</div> | | |
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